

5  
ket No.: GENE.003.P  
Express Mail No.: EV393145808US

PETITION TO WITHDRAWAL  
HOLDING OF ABANDONMENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andrei Bugrim et al.

Applicant No.: 10/518,103

Filed: 18 June 2003

Title: "Methods for Identifying Compounds for Treatment of Disease States"

Mail Stop: Petitions  
Commissioner for Patents  
U.S.P.T.O.  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL FORM

Dear Sir:

Transmitted herewith for filing is the provisional patent application from Inventors, Andrei Bugrim et al. Enclosed are:

- Petition to withdrawal Holding of Abandonment, 2 pages
- Copy of Notice of Abandonment, 1 page
- Copy of filing documents, 12 pages
- Declaration, 2 pages
- Verified Statement of Small Entity Status, 2 pages
- A disc comprising a file copy of the sequence listing + Duplicate
- A copy of references as requested by the Examiner, 99 documents
- A Sequence Listing, 2 pages
- Certificate of Mailing by "Express Mail"
- A return post card

For	No. Filed	No. Extra	Rate	Fee
New Claims	0	0	0x \$9.00 =	\$ 0.00
Independent Claims	0	0	0x \$39.00 =	\$ 0.00
Multiple Dependent Claims	0		0x \$130.00 =	\$ 0.00
Remaining Basic Filing Fee			\$50.00	\$ 50.00
Late Fee Surcharge			\$65.00	\$ 65.00
<b>TOTAL FEE:</b>				<b>\$ 115.00</b>

- Please charge Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_. A duplicate copy of this sheet is enclosed.

- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No.
- Any additional filing fees required under 37 C.F.R §1.16
- Any patent application processing fees under 37 C.F.R §1.17
- A check for the filing fee in the amount of one-hundred fifteen dollars (\$115.00) is enclosed, Check No.: 1851

Respectfully submitted,



David B. Waller

Please send all correspondence to:

David B. Waller  
David B. Waller & Associates  
5677 Oberlin Drive, Suite 214  
San Diego, CA 92121  
Phone: (858) 457-2014  
Facsimile: (858) 457-2308  
E-mail: dbwipmg.sbcglobal.net

Rec'd PCT/PTO 04 AUG 2005

PTO-1390 (Rev. 10-2004)

Approved for use through 3/31/2007. OMB 0651-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

GENE. 003. PCT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

107513103

INTERNATIONAL APPLICATION NO.  
PCT/US03/19325INTERNATIONAL FILING DATE  
JUNE 18, 2003PRIORITY DATE CLAIMED  
JUNE 18, 2002

TITLE OF INVENTION

METHODS FOR IDENTIFYING COMPOUNDS FOR TREATING DISEASE STATES

APPLICANT(S) FOR DO/EO/US

A BUGRIM, T. NIKOITSKAYA AND A. MARKOV

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20.  Other items or information:

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/US03/19325	ATTORNEY'S DOCKET NUMBER GENE.003.PCT
---	---	--

21.  The following fees are submitted:**BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)):**

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1110.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$950.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$790.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$750.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$200.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

**CALCULATIONS PTO USE ONLY**

\$ 200.00

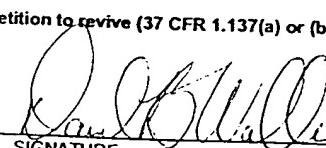
\$ 0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	- 20 =		X \$18.00	\$ 0.00
Independent claims	- 3 =		X \$88.00	\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$300.00	\$ 0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 200.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$ (100.00)
<b>SUBTOTAL =</b>				\$ 100.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			+ \$ 0.00	
<b>TOTAL NATIONAL FEE =</b>				\$ 100.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+ \$ 0.00	
<b>TOTAL FEES ENCLOSED =</b>				\$ 100.00
Amount to be refunded:				\$
Amount to be charged:				\$

- a.  A check in the amount of \$ 100.00 to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:



SIGNATURE

David B. Waller

NAME

43,978

REGISTRATION NUMBER



Docket No.: GENE.003.PC/US  
Express Mail No.:EV393145808US

PETITION TO WITHDRAWAL  
HOLDING OF ABANDONMENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Andrei Bugrim *et al.*

Applicant No.: 10/518,103

Filed: 18 June 2003

Title: "METHODS FOR IDENTIFYING COMPOUNDS FOR  
TREATING DISEASE STATES"

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Mail Stop: Petitions  
Commissioner of Patents  
U.S.P.T.O.  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No.: EV393145808US, on 4 August 2005, addressed to: Mail Stop: Petitions, Commissioner for Patents, U.S.P.T.O. Box 1450 Alexandria, VA 22313-1450.

Respectfully submitted,

  
\_\_\_\_\_  
David B. Waller  
Patent Agent No.: 43,978

Enclosures:

Petition under 37 C.F.R. 1.181, 2 pages  
Copy of Notice of Abandonment, 1 page  
Copy of filing documents, 12 pages  
Check No.: 1851 for \$115.00  
Transmittal 2 pages, +Duplicate  
Return Postcard



UNITED STATES PATENT AND TRADEMARK OFFICE

Page 1 of 1

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/518,103	Andrei Bugrim	Gene.003.PCT

INTERNATIONAL APPLICATION NO.

PCT/US03/19325

I.A. FILING DATE	PRIORITY DATE
06/18/2003	

26990  
DAVID B. WALLER & ASSOCIATES  
5677 OBERLIN DRIVE  
SUITE 214  
SAN DIEGO, CA 92121

CONFIRMATION NO. 5310

371  
ABANDONMENT/TERMINATION  
LETTER



\*OC000000016561708\*

Date Mailed: 07/20/2005

## NOTIFICATION OF ABANDONMENT

The United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495) has made the following determination:

- Applicant has failed to provide the full U.S. Basic National Fee by 30 months (37 CFR 1.495(b)(2)).

Therefore, the above identified application failed to meet the requirements of 35 U.S.C. 371 and 37 CFR 1.495, and is ABANDONED AS TO THE UNITED STATES OF AMERICA.

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

## PART 1 - ATTORNEY/APPLICANT COPY

Rec'd PCTA

84 AUG 2005



Customer Copy  
Label 11-F June 2002

ORIGIN (POSTAL USE ONLY)				DELIVERY (POSTAL USE ONLY)			
PO ZIP Code <i>EV 39314</i>	Date In <i>10/10/05</i>	Day of Delivery <input checked="" type="checkbox"/> Next <input type="checkbox"/> Second	Flat Rate Envelope <input type="checkbox"/>	Mo. <i>Mo.</i>	Delivery Attempt <input type="checkbox"/>	Time <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Employee Signature
Time In <i>1:15 PM</i>	Day <i>Mon</i>	No. Normal <input checked="" type="checkbox"/>	Postage <i>\$</i>	Mo. <i>Mo.</i>	Day <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Time <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Employee Signature
Weight <i>.9 lbs.</i>	Year <i>05</i>	3 PM <input type="checkbox"/>	Return Receipt Fee <input type="checkbox"/>	Mo. <i>Mo.</i>	Delivery Date <input type="checkbox"/> 2nd Day <input checked="" type="checkbox"/> 3rd Day	Time <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	Employee Signature
No Delivery <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday		Int'l Alpha County Code <i>12</i>	COD Fee <i>\$</i>	Insurance Fee			
CUSTOMER USE ONLY		Acceptance Clerk Initials <i>JL</i>		Total Postage & Fees <i>\$</i>			
METHOD OF PAYMENT: Express Mail Corporate Acct. No.							
FROM: (PLEASE PRINT) <i>Geffen, 003, Rebus</i>				TO: (PLEASE PRINT) <i>Mail Stop 10451 Application National Service Center U.S. P.T.O. P.O. Box 1420 Richmond, VA 23213-1420</i>			
PHONE <i>(804) 453-2314</i>							
PHONE <i>(703) 385-6341</i>							
Federal Agency Acct. No. or Postal Service Acct. No.							
NO DELIVERY <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday <input type="checkbox"/> Customer Signature							

PRESS HARD  
You are inking 3 copies.

FOR PICKUP OR TRACKING CALL 1-800-222-1811 [www.usps.com](http://www.usps.com)

**Customer Copy**

Label 11-F June 2002



**UNITED STATES POSTAL SERVICE® Post Office To Addressee**

ENCINITAS POSTAL STORE  
ENCINITAS, California  
920249998

0567760024-0098  
(800)275-8777

12/10/2004 01:18:04 PM

Sales Receipt			
Product Description	Sale Qty	Unit Price	Final Price
ALEXANDRIA VA 22313 Express Mail P0-ADD Serial Number EV393144229US Next Day Noon / Normal Delivery		\$13.65	\$13.65

Federal Agency Acct. No. or Postage Account No.

TO: (PLEASE PRINT) PHONE \_\_\_\_\_  
 NO DELIVERY  Weekend  Holiday

Customer Signature

WAIVER OF SIGNATURE (Domestic Only) Additional merchandise insurance is valid if address or addressee's agent (if delivery employee judges that article can be left in service location) and I authorize that delivery employee's signature constitutes valid proof of delivery.

ISSUE PVT:  \$13.65  
**Total:**  \$13.65  
 Paid by:  Personal Check

Bill #: 1000201614178  
 Clerk: 27

— All sales final on stamps and postage. —  
 Refunds for guaranteed services only.  
 Thank you for your business.

**-800-222-1811 www.usps.com**

12/24/04 LA, CA  
122000661 01  
E4094 S50 000000  
0000000000000000

12/24/04  
LA, CA

PO 31000011  
MACHINERIA 500071 47187  
PHILA, PA 1223004 16K  
72115153303

3060 8750 7500

U.S. TREASURY  
FOR CREDIT TO THE  
12-22-2004

PATENT AND TRADEMARK OFFICE  
13-10-0001



David B. Waller & Associates  
5677 Oberlin Drive, Suite 214  
San Diego, CA 92121

David B. Waller  
David B. Waller & Associates  
5677 Oberlin Drive, Suite 214  
San Diego, CA 92121

DT07 Rec'd PCT/PTO 10 DEC 2004

Please acknowledge by affixing hereon the Patent  
Trademark Office date stamp and returning this card to our office.

**Applicant:**

Serial No.:  
Filed:

四

# METHOD FOR IDENTIFYING COMPOUNDS FOR TREATING DISEASE STATES

PATENT APPLICATION

Docket No.:

GENE 003 PCIIIS

Transmittal letter under 35 U.S.C. 371, 2 pages  
Declaration under 37 C.F.R. 1.63, 3 pages  
Certificate of Mailing No.: EV393144229US  
Check No.: 1735 for \$100.00

1735

16·66/1220

DATE 10/10/11

5677 OBERLIN DR. SUITE 214 PH. 858-457-2014  
SAN DIEGO, CA 92121

PAY  
TO THE  
ORDER OF COMMUNION \$100

One hundred and four

卷之三

FOR CIVIL, CIV. & P.C. / i

三五二二七

一一〇〇一

PAY TO THE ORDER OF	SAN DIEGO, CA 92121
FOR	Commision for Patent - U.S. Patent and Trademark Office
	BANK OF AMERICA, NA
	DATE 12/10/06
10017351012200066101024093070	